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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/721,220	11/22/2000	Husnain Bajwa	1012-0001	9750
29395	7590	08/15/2005	EXAMINER	
H. DALE LANGLEY, JR. THE LAW FIRM OF H. DALE LANGLEY, JR. PC 610 WEST LYNN AUSTIN, TX 78703			MEHRA, INDER P	
			ART UNIT	PAPER NUMBER
			2666	

DATE MAILED: 08/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/721,220

Applicant(s)

BAJWA ET AL.

Examiner

Inder P. Mehra

Art Unit

2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 November 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This office action is in response to amendment filed on 7/15/2005. Claims 1-28 are pending. Out of 1-28 claims, claims 1-21 and 25-28 have been cancelled without prejudice. Claims 22-24 are now pending.
2. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claim 23 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim 23 recites the following limitation, which is not supported by specifications

- wherein the directing is based, at least in part, **on first destination identifier** supplied with the encoded voice-band traffic originating from the voice terminal; wherein **a second destination identifier** is supplied from the voice terminal coincident with the authenticating; and wherein **the second destination identifier** is **selective fore the target device**.

Claim Rejections - 35 USC § 103

Art Unit: 2666

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 22 is rejected under 35 U.S.C. 103(a) as being unpatentable over **Hakim** (US Patent No. 6,614,780), in view of **Frankel et al** (US Patent No. 6, 639, 913), hereinafter, Frankel.

For claims 22, Hakim discloses a method comprising:

- **receiving at a gateway to the packetized network**, (the ITS's provide a gateway service, i.e., the capability to interface between the local telephone network and the Internet 405 (packetized network is Internet , refer to col. 3 lines 58-61), refer to col. 5 lines 27-30); **originated from a voice terminal (401) outside the packet-switched network**, (refer to fig. 4, where the "npa" and then the "nxx." to route a call, the Internet 405 requires the use of an Internet Protocol (IP) address for all subsidiaries, hence, all ITSs 404, 416, 407, 414 and 421, and then uses, via router devices, the IP addresses to route a call, refer to col. 5 lines 15-20, and further, refer to "The originating ITS requests an "**open_call.sub.13** path" message to the destination ITS", refer to col. 5 lines 39-41").
- **directing the information stream over the packet-switched network to an authentication service ---authentication service** (authentication, as

Art Unit: 2666

defined in specs at page 4 lines 15-17) via the network, refer to abstract and refer to "rout a call---via router devices", col. 5 lines 15-20, col. 4 lines 42-55;

- **upon authentication by the authentication service,--- redirecting the information stream---a target service** (refer to "user access authentication and security", col. 4 lines 34-37; refer to col. 4 lines 42-55, col. 5 lines 15-30; network comprising: "a packet switched network (, col. 3 lines 59-61, 400 in fig. 4, col. 5 lines 10-15) including one or more gateways coupled to receive calls for the network requiring a feature service, ITS (gateway), refer to col. 5 lines 20-30 and col. 4 lines 42-54;
- **wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal** (The ITS-SP answers the call, and prompts the user for an access code to confirm authorization. Once the user is authorized, the user must enter the destination number they wish to connect to. The ITS-SP accesses its database to find the ITS-SP serving the destination number and then proceeds to route the callers request, refer to col. 4 lines 42-55.

Hakim does not disclose explicitly the following limitation, which is disclosed by Frankel, as follows:

- **wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal,**

(refer to "direction the transport of voice-band packets representing analog voice-band telephone signals, data packets associated with data devices (computers in a LAN) and call control packets. A voice-band packet includes an identifier (source and destination) and the voice-band packet information, refer to col. 8 lines 24-41).

It would have been obvious to a person of ordinary skill in the art at the time of invention to use the capabilities of **wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal**. The suggestion to use these capabilities would have been motivated in order to provide capability to make calls from any source through a digital-packet based transport network.

7. Claims 23-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Hakim** (US Patent No. 6,614,780), in view of **Frankel et al** (US Patent No. 6, 639, 913), hereinafter, Frankel, further in view of **Truchon et al** (US Patent No. 6,144,723), Truchon..

For claims 23-24, Hakim discloses a method comprising:

- **receiving at a gateway to the packetized network**, (the ITS's provide a gateway service, i.e., the capability to interface between the local telephone network and the Internet 405 (packetized network is Internet , refer to col. 3 lines 58-61), refer to col. 5 lines 27-30); **originated from a voice terminal (401) outside the packet-switched network**, (refer to fig. 4, where the "npa" and then the "nxx." to route a call, the Internet 405 requires the use of an Internet Protocol (IP) address for all subsidiaries, hence, all ITSs

404, 416, 407, 414 and 421, and then uses, via router devices, the IP addresses to route a call, refer to col. 5 lines 15-20, and further, refer to “The originating ITS requests an “**open_call.sub.13** path” message to the destination ITS”, refer to col. 5 lines 39-41”).

- **directing the information stream over the packet-switched network to an authentication service ---authentication service** (authentication, as defined in specs at page 4 lines 15-17) via the network, refer to abstract and refer to “rout a call---via router devices”, col. 5 lines 15-20, col. 4 lines 42-55;
- **upon authentication by the authentication service,--- redirecting the information stream---a target service** (refer to “user access authentication and security”, col. 4 lines 34-37; refer to col. 4 lines 42-55, col. 5 lines 15-30; network comprising: “a packet switched network (, col. 3 lines 59-61, 400 in fig. 4, col. 5 lines 10-15) including one or more gateways coupled to receive calls for the network requiring a feature service, ITS (gateway), refer to col. 5 lines 20-30 and col. 4 lines 42-54;
- **wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal** (The ITS-SP answers the call, and prompts the user for an access code to confirm authorization. Once the user is authorized, the user must enter the destination number they wish to connect to. The ITS-SP accesses its

Art Unit: 2666

database to find the ITS-SP serving the destination number and then proceeds to route the callers request, refer to col. 4 lines 42-55.

Hakim does not disclose explicitly the following limitation, which is disclosed by Frankel, as follows:

- **wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal, (refer to “direction the transport of voice-band packets representing analog voice-band telephone signals, data packets associated with data devices (computers in a LAN) and call control packets. A voice-band packet includes an identifier (source and destination) and the voice-band packet information, refer to col. 8 lines 24-41).**

Hakim in view of Frankel does not disclose expressly the following limitation, which is disclosed by Truchon, as follows:

wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal; wherein a second destination identifier is supplied from the voice terminal coincident with the authenticating; and wherein the second destination identifier is selective fore the target device., refer to col. 4 lines 39-63.

It would have been obvious to a person of ordinary skill in the art at the time of invention to use the capabilities of **wherein the directing is based, at least in part, on first destination identifier supplied with the encoded voice-band traffic originating from the voice terminal**. The suggestion to use these capabilities would have been motivated in order to provide capability to make calls from any source through a digital-packet based transport network.

Art Unit: 2666

Response to Arguments

8. Applicant's arguments with respect to claim 22-24 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P. Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on weekdays from 8AM to 4 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao, can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Inder Pal Mehra
Inder P Mehra 8/10/05
Examiner
Art Unit 2666

DM
DANSTON
PATENT EXAMINER